

CERTIFICATE OF MAILING

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Signed:

Kimberly Badiei



2631^{A4}
87
PATENT 6-19-03

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Technology Center 2600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: LEWIS, Michael et al.

Application No.: 10/039,117

Filed: November 20, 2001

For: PREAMBLE AIDED SYNCHRONIZATION

Atty. Docket No.: CISC722

Examiner: Unassigned

Group: 2631

Date: May 30, 2003

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§1.56 AND 1.97(c)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

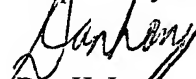
Dear Sir:

The references listed in the attached PTO Form 1449, copies of which are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

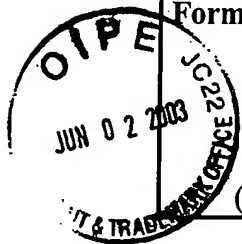
This Information Disclosure Statement is believed to be filed before the mailing date of a first Office Action on the merits. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-1652 (Order No. CISC722).

Respectfully submitted,


Dan H. Lang

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Form 1449 (Modified)

**Information Disclosure
Statement By Applicant**

(Use Several Sheets if Necessary)

Atty Docket No. CISC722
Application No.: 10/039,117
Inventor LEWIS, Michael et al.
Group 2631
Filing Date November 20, 2001

U.S. Patent or Published Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-Class
	A	5,625,651	4/1997	Cioffi	375	354
	B	5,732,113	3/1998	Schmidl et al.	375	354
	C	5,909,470	6/1999	Barratt et al.	375	324
	D	6,208,695	3/2001	Klank et al.	375	260
	E	6,252,908	6/2001	Tore	375	259
	F	6,275,543	8/2001	Petrus et al.	375	324
	G	6,285,654	9/2001	Marchok et al.	370	208
	H	6,381,251	4/2002	Sano et al.	370	480

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Name	Translation	
						Yes	No
	I	JP 7030513	01/1995	Japan	Toshihisa		X*
	J	EP 823804A2	11/2/1998	EPO			

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	K	Nogami et al., "A Frequency and Timing Period Acquisition Technique for OFDM Systems", 1995, IEEE
	L	Schmidl et al., "Low-Overhead Low-Complexity [Burst] Synchronization for OFDM", Stanford University
	M	Sandell et al., "Timing and Frequency Synchronization in OFDM Systems Using the Cyclic Prefix", Luleå University of Technology Sweden.
	N	"Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications, High-Speed Physical Layer in the 5 GHz Band", IEEE Std. 802.11A-1999.

Examiner	Date Considered
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* Abstract included

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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.